IN THE CLAIMS

Please delete Claims 1 – 6, and add claims 7-20 as follows:

7. A wireless communication system comprising:

a remote station for transmitting a reverse link signal comprising a plurality of subchannel signals;

a base station for independently adjusting the transmission power of one or more of said plurality of subchannel signals by generating a power control message for adjusting the transmit power of at least one of said plurality of subchannel signals in accordance with a type of data communicated via a corresponding one of said subchannel signals.

8. The communication system as recited in claim 7 further comprising:

a comparator for comparing a frame error rate of at least one of said subchannel signals with a frame error rate threshold for said generating said power control message.

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9. The communication system as recited in claim 8 wherein frame error rate of each of said subchannels is based on said type of data being communicated via said subchannel.

10. The communication system as recited in claim 7 further comprising:

a threshold generator for generating a plurality of quality threshold values, corresponding to said plurality of subchannels, in accordance with a measured frame error rate for each of said subchannel signals.

11. The communication system as recited in claim 7 wherein said power control message includes at least a plurality of bits, wherein each bit represents a

command to increase or decrease the transmit power of one of said subchannel signals by a predetermined amount.

12. The communication system as recited in claim 7 wherein said base station generates a plurality of channel gain values, wherein each gain value is applied to one of said plurality of subchannel signals for said adjusting the transmission power of said subchannel signal.

13. The communication system as recited in claim 7 further comprising:

a plurality of decoders, wherein each of said decoders receives a corresponding subchannel signal and determines frame errors in said subchannel signal.

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14. A method in a wireless communication system comprising:

transmitting a reverse link signal from a remote station, wherein said reverse link signal comprising a plurality of subchannel signals;

adjusting, independently, the transmission power of one or more of said plurality of subchannel signals at a base station by generating a power control message for adjusting the transmit power of at least one of said plurality of subchannel signals in accordance with a type of data communicated via a corresponding one of said subchannel signals

15. The method as recited in claim 14 further comprising:

comparing a frame error rate of at least one of said subchannel signals with a frame error rate threshold for said generating said power control message.

16. The method as recited in claim 15 wherein frame error rate of each of said subchannels is based on said type of data being communicated via said subchannel.

17. The method as recited in claim 14 further comprising:

generating a plurality of quality threshold values, corresponding to said plurality of subchannels, in accordance with a measured frame error rate for each of said subchannel signals.

18. The method as recited in claim 14 wherein said generating includes generating at least a plurality of bits, wherein each bit represents a command to increase or decrease the transmit power of one of said subchannel signals by a predetermined amount.

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19. The method as recited in claim 14 further comprising:

generating a plurality of gain values;

applying each gain value to one of said plurality of subchannel signals for adjusting the transmit power of said subchannel signals.

20. The method as recited in claim 14 further comprising:

decoding each of said corresponding subchannel signals and determining frame errors in said subchannel signals.